

ABSTRACT

Apparatus for sealing a puncture communicating with a blood vessel includes a pair of syringe barrels having sealing components therein, and a plunger assembly biased to slide within the barrels from proximal to distal positions for injecting the components through outlets of the barrels. An auto-injector assembly is coupled to the plunger apparatus, and includes a spring mechanism locked in an inactive condition and an actuator activatable to release the spring mechanism, whereupon the spring mechanism automatically advances the plunger assembly towards the distal position to inject the components from the barrels. A valve coupled to the outlets and movable from a first position for mixing and/or reconstituting the sealing components from vials, a second position where the outlets communicate with a delivery line for delivering the sealing components into a puncture, and a third position for closing the outlets.